

METHODS AND SYSTEMS FOR REDUCING INTERFERENCE
USING CO-CHANNEL INTERFERENCE MAPPING

ABSTRACT OF THE DISCLOSURE

Methods of demodulating a received signal are disclosed in which an interference map containing information regarding a plurality of candidate co-channel interference sources is provided. The information in the interference map regarding the plurality of candidate interference sources may be used to identify any of the candidate co-channel interference sources that comprise a dominant interference source. The received signal may then be demodulated in a manner that cancels at least part of the contribution of any identified dominant interference source by using the information regarding any such interference source contained in the interference map.

09032601 04101
T.T.B. TOEBOE